

H 6504

to

6553

Station No. *H 6504* Date: *5-22* — 191*6*

Hour: 8³⁰ a . M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

11—5314

under way
F.P.S.

4534

[illegible]

11—5314

NOTES

Psychrometers W. ~~H. &~~ D. 18.8
16.1

Chart 1006

Bishop Rock Buoy bears $N 51\frac{1}{2}^{\circ} W$ (true)
dist. 41.2 mi.

Date: 5 - 22 - 1916

Hour: 10³⁰ 9 . M. to — . M.

Position: Lat.

Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Under way
F.P.S.

[illegible]

11—5314.

NOTES

Psychrometer $w \sqrt{13.5}^6 D 17.0$

Chart 1006
Pt. Loma St. bears $N 56^{\circ} E$ (true) dist. 54.5 mi.

Date: 5-22-1916

Hour: 12³⁰ P . M. to . M.

Position: Lat.	Long.
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Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11--5314

Under way
H. P. J.

[illegible]

11—5314

NOTES

Psychrometers W. 14.8 D. 16.5

Chart 1006

St. Louis Lt. bears $N 58\frac{1}{2}^{\circ} E$ (true) dist. 36.0 mi.

5-22-1916

Hour: 2³⁰ P. M. to — . M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Under way
F.P.S.

NETS, ETC., USED

[illegible]

11—5314

NOTES

Psychrometer W. 15.2³ D. 18.2

Chart 1006

Chart 1006
St. Loma Lt. bears N 61° E (true) dist. 17.5 mi.

Station No. *H 6508* Date: *5-25 - 1916*

Hour: 12³⁰ P . M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction,	Force,
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Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

b

Psychrometer W. 11.5 D. 14.4

Chart 1006

St. Louis Lt. bears N 17° E (true) dist. 2 1/2 m

5-25-1916

Hour: 2 ³⁰ P . M. to . M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-8314

NOTES

Psychrometer N^o. 12. ⁸/_X D. 16.5

Chart 1006
 Pt. Loma Lt. bears N 76° E (true) dist. 3.90 mi.

Date: 5-25-1916

Hour: 4 ³⁰ P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf	n.2. 98523	59.9	—	- 0.3	59.6	X	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W 13.5⁶ D 16.5

Chart 1006

Pt. Loma Lt. bears N 30° E (true) dist 5.5 m

Date: 5-25-1916

Hour: 6³⁰ P. M. to _____ . M.

Position: Lat.

Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf	72. 98553	60.0	—	0	18.39 65.1	X	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Psychrometer W. 13.8⁹ D. 16.8

Chart 1006
St. Louis St. bears N 33° E (true) dist "

Station No. 116512

Date:

5-26-1916

Hour: 6³⁰ a. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf.	NZ. 98523	56.7	—	—0.3	13.56 5	X	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Psychrometers w. 11. ⁶/₈ D. 14. 2

Chart 1006

Cape San Quentin bears S 64 1/2° E (true) dist. 17 0 1/2

Station No. *H 6513*

Date:

5-26 - 1916

Hour: 8 ³⁰ 9 . M. to — . M.

Position: Lat.

Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer 11.8 14.1

Chart 1006

Cape San Quentin bears S 66° E (true) dist 207.0 mi

Station No. *H 6514*

Date: 5-26-1916

Hour: 10³⁰ a. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf.	N.Z. 98503	59.6	—	0.3	59.3	X	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

Station No. *H 6515*

Date:

5-26-1916

Hour: 12³⁰ P. M. to

. M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf.	N.2.98523	60.5	—	— 3	157.67 /	X	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

Station No. *H 6516*

Date: 5-26-1916

Hour: 2 ³⁰ P. M. to — . M.

Position: Lat.

Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

Station No. *H 6517*

Date:

5-26-1917

Hour: 4³⁰ P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf.	N.Z. 78523	58.0	—	- .3	14.2°	X	—

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

Station No. H 6519

Date:

5-27-1916

Hour: 6³⁰ A. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf.	W. 98523	56.0	—	0.3	13.17	X	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W. 13.4¹ D. 15.0

Chart 1006

Cape San Quentin bears S 54° E (true)
dist. 15.0 mi.

Station No. *H 6520*Date: *May 27*191*0*Hour: *5:55 P. M.* to *6:14 P. M.*

Position: Lat. .

Long.

Locality: *San Martin Island*
*Lower Calif. coast*Depth: *20 meters* Bottom: *fine gy S.* Sample:Wind: Direction, . Force, *2*Sea: *S* Sky: *bc*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>5 meters</i>	<i>S-V 805</i>	<i>R: 13.69</i>	<i>R: 13.5</i>	<i>-0.0</i>	<i>13.69</i>		<i>#1</i>
	<i>Richter 150</i>	<i>L: 13.65</i>	<i>L: 13.6</i>	<i>+0.05</i>	<i>13.70</i>		
<i>10 meters</i>	<i>N-298760</i>	<i>R: 56.9</i>	—	<i>-0.5</i>	<i>56.4</i>		<i>#2</i>
	<i>N-271738</i>	<i>L: 57.0</i>	—	<i>-0.7</i>	<i>56.3</i>		
<i>15 meters</i>	<i>S-V 117</i>	<i>R: 11.0</i>	<i>R: 13.5</i>	<i>-0.05</i>	<i>10.95</i>		<i>#3</i>
	<i>S-V 493</i>	<i>L: 12.79</i>	<i>L: 13.5</i>		<i>?</i>		
						<i>X</i>	—
		<i>Down: 6:06:35 P. M.</i>					
		<i>Up: 6:14:50 P. M.</i>					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: *gn (dirty)* Transparency: *slightly turbid*

REMARKS:

11-5314

C. O. DeLong.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 1686

Obs. spot, Hassler's Cove (San Martin Is.) bears S 42° W $\frac{1}{2}$ (true)
 dist. $\frac{1}{3}$ mi.

Boulder Hook bears S $22\frac{1}{2}^{\circ}$ E (true)
 dist. $\frac{1}{7}$ mi.

Towed 4 hours for 5 minutes with
 #20 and #12 nets at

Station A - 3 mi. west San Martin Is.
 with #20 net for 5 minutes at
 Station B - 3 mi. south San Martin Is.

Date: May 28 1916

Hour: 5 ⁴⁰ 9 . M. to — . M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf.	M. 298523	51.9	—	-0.3	51.6	X	—

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W. ~~12.9~~ D. 15.0
13.0

Chart 1193

Left Long San Martin Id. bears N 37° W (true)
dist. 6.0 mi.

1/4 Lt. Long. Cape San Quentin bears S 45° E (true)
dist. 3.6 mi.

Station No. 46522

Date: May 28

191 6

Hour: 6:30 A.M. to _____ . M.

Position: Lat.

Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	N-298523	54.9	-	-0.3	54.6 ^{12.5° F.}	X	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way
Rough

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W. 11. ³ X D 13.6

Chart 1193

1st. Long. Cape Ann Laurentia near N 86° E (true)
dist. 2.1 mi.

191 *l*

. M.

Long.

Locality:

Sample:

Force,

Ský:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	11-748523	58.0	--	-0.3	57.7 14.28		

CURRENTS

[illegible]

Transparency:

REMARKS: Under way
Ranch.

11—5314

Station No. *A16524*

Date: 7/21/07

191/

Hour: 10:00 A.M. to . M.

Position: Lat.

Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS: At the station, and during the
journey from the H 6531 inclusion, the
is it not possible to get a strip of 1/2 in
of the rock. Samples taken every 10 minutes
1 hour.

Station No. *H 6525*

Date: 1/11/2017

191 *l*

Hour: 10:10 A. M. to - . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	11-298523	57.2	—	-0.5	56.7 13.8°C	✓	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed-	Direction

Color of water:

Transparency:

REMARKS:

Station No. 46526

Date: 1/1/1968

1916

Hour: 10:20 A. M. to — . M.

Position: Lat.

Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

Station No. 116527

Date: May 28

1916

Hour: 10:30 A. M. to — . M.

Position: Lat.

Long.

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Station No. *A 6578*

Date: 1 May 1988

191/

Hour: 10:40 A. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Station No. *H 6529*

Date: July 1, 1961

191/

Hour: 10:50 A. M. to — . M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Station No: *A16530*

Date: July 8

191 (

Hour: 11:00 A. M. to — . M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

Station No. *A 6531*

Date: May 25

191/

Hour: 11:10 A. M. to — . M.

Position: Lat.

Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS: at this point the ship passed into clear water
Ba

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 1193

San Antonio Pt. bears N 86 3/4° E (true)
 dist 21.7 mi.

1916

. M.

Long.

Locality:

Sample:

Force,

Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	N-Z 98523	60.2	—	-0.3	59.9	λ	

CURRENTS

[illegible]

Transparency:

REMARKS: Under way
Ranchman

Station No. *A 1532*

Date: 7/20/2008

1916.

Hour: 6:30 P. M. to - . M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	N-Z 78523	60.3	—	-0.3	^{157.56} 60.0	1	

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS: Under way
Re. 1111

11—5314

Station No. *A16524*

Date: 11.11.2017

191 /

Hour: 5:00 A. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS: Dying - 4, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

WT 14.4 D 14.4

12.5 81^{0/10}

Chart 1193

left tang. Cedros del Sur S 47° E (true)
dist. 22.0 mi.

Station No. *H 6535*

Hour: 2:00 P. M. to 6:30 P. M.

Position: Lat.

Locality: *Indonesian Is. Sumbawa Id. (Dutch reg.)*

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	N-298523	2 ⁰⁰ _{pm} 58.9	—	-0.3	^{14.78} 58.6	✓	
"	do	4 ³⁰ _{pm} 58.0	—	-0.3	^{14.28} 57.7	✓	
"	do	6 ²⁰ _{pm} 57.9	—	-0.3	^{14.22} 57.6	✓	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

REMARKS:

NETS, ETC., USED

[illegible]

11—5114

NOTES

2 $\frac{30}{\text{min}}$	12.8 12.9	19.5 - 46%
4 $\frac{30}{\text{min}}$	12.8 12.9	17.2 61%
6 $\frac{30}{\text{min}}$	11.7 11.8	17.6 49%

Chart 1193

Northeast Harbor, Cedros Isl.; half way between
points, dist. 0.5 mi. from shore.

Station No. *H 6535- (continued)* Date: *May 29* 191*6*

Hour: *1:45* P. M. to *2:12* P. M.

Position: Lat. _____ Long. _____

Locality: *Cochon Id (at anchor)*

Depth: *200 fms* Bottom: *fine sand* Sample: _____

Wind: Direction, _____ Force, *3*

Sea: *S* Sky: *b*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>100</i>	<i>N-298523</i>	<i>58.9</i>	<i>—</i>	<i>-0.3</i>	<i>58.6</i> ^{<i>14.78</i>}	<i>X</i>	
	<i>N-298756</i>	<i>Did not Register</i>	<i>—</i>	<i>-0.4</i>	<i>—</i>		<i>#5</i>
	<i>N-262855</i>	<i>58.0</i>	<i>—</i>	<i>-0.3</i>	<i>57.7</i>		
	<i>S-V 496</i>	<i>57.7</i>	<i>—</i>	<i>-0.3</i>	<i>57.4</i>		<i>#4</i>
	<i>S-V 494</i>	<i>13.73</i>	<i>15.0</i>	<i>—</i>	<i>—</i>		
	<i>S-V 805</i>	<i>R 13.65</i>	<i>R 14.5</i>	<i>-0.05</i>	<i>13.60</i>		<i>#1</i>
	<i>Richter 150</i>	<i>L 13.6</i>	<i>—</i>	<i>—</i>	<i>—</i>		
	<i>N-298760</i>	<i>—</i>	<i>—</i>	<i>-0.5</i>	<i>57.5</i>		
	<i>N-271738</i>	<i>—</i>	<i>—</i>	<i>-0.7</i> <i>-0.0</i>	<i>57.4</i>		
<i>200</i>	<i>S-V 497</i>	<i>R 13.04</i>	<i>R 14.7</i>	<i>+0.05</i>	<i>13.11</i>		<i>#3</i>
	<i>S-V 493</i>	<i>L 11.60</i>	<i>L 11.7</i>	<i>—</i>	<i>—</i>		
							<i>Time: 2:09:00</i>
							<i>2711 (1st)</i> <i>2712 (2nd)</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____

Transparency: _____

REMARKS: *Not a duplication of station - number
preceding station - page gives surface and
psychrometer readings during the run
this same station*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W ~~11.4~~ 11.5 DIS 2 6.4%

Chart 1193

Pl. long. N. end Cedros Id. bears N $51\frac{1}{2}^{\circ}$ W (true)
dist. 4.2 mi.

Station No. *H6537*Date: *May 30*191*6*Hour: *2:22 P.* M. to *2:28 P.* M.

Position: Lat.

Long.

Locality: *South Bay, Cocos Id.*Depth: *17 fms** Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	N-298523	60.1	-	-0.3	¹⁸⁷⁶¹ 60.1	*	
5	S-V 497	R 15.19	R 15.5	10.06	15.5		6X-3
	S-V 493	L 15.0	L 15.5				
10	S-V 805	R 15.02	15.2	+0.15	15.17		* 1
	Richter 150	L 14.98	15.3	+0.02	15.10		
15	N-298760	R 58.0	21.5	-0.5	57.5		2
	N-271738	L 58.0	21.5	-0.7	57.3		
20	S-V 496	R 13.15	15.0	+0.17	13.2		11
	S-V 494	L 10.38	15.1				
25	N-298756	R 55.1	21.5	-0.5	54.9		7.5
	N-262855	L 55.5	" "	-0.4	54.5		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: * Depth obtained level by T.M.
when coming to anchor.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Trawl 2²⁵ W ^{13.4}~~13.3~~ D 16.3 73%
 6³⁰ ~~12.6~~ 12.7 14.5 82%
 Surf 59.5 (corrected 59.2)^{15.11}

May 31, 1916 12.17 81%
 6³⁰ Trawl 11^{12.17} ~~12.1~~ D 14.5
 Surf 59.2 (corrected 58.9)^{14.23}

June 1 12.5 84%
 6³⁰ Trawl W ~~12.4~~ D 14.5
 Surf 59.4 (corrected 59.1)^{14.23}

Chart 1192

Cape San Agustín (S. end Cedros Isl.) bears N 72° W ^(true)₁
 dist. 1.6 mi

Station No. *H 6538*

Date: June 1

191 /

Hour: 2:30 P. M. to — . M.

Position: Lat.

Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	N-Z 98523	59.2	—	-0.3	^{14.95} 58.9	x	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way
Bainin

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Loc. N. 54
15.5

D 17.0

78%

Chart 1310
Shurloe Head bears N 75° E (true)
dist. 14.9 mi.

Station No. A6540Date: June 1

191 6

Hour: 6:30 P. M. to - . M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS: Under way
Bancroft

11—5314

Station No. H 6541 Date: June 2 1916

Hour: 6:30 A. M. to — . M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS: *Alouatta v. n. v.*
Barro Colorado

11—5314

Station No. *116542*Date: *Dec 7 1917*

191

Hour: *1:46* P.M. to *4:13* P.M.Position: Lat. *17° 45' N* Long. *156° 13' W*Locality: *East of Cape Verde Islands*Depth: *1312* Bottom: *S. gy S* Sample: *2*Wind: Direction, *West* Force, *2*Sea: *IT* Sky: *baz 4*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	N-278523	64.0	—	-0.3	17.61 63.7		
5	N-298256	R. 63.8	—	-0.4	63.4		5
	N-262855	Z. 63.8	—	-0.4	63.4		
10	S-V 805	R. 17.3	17.4	+0.2	17.50		1
	Richter 150	Z. 17.28	17.5	+0.21	17.49		
15	S-V 496	R. 17.1	17.2	+0.15	17.25		4
	S-V 494	Z. 17.2	17.3				
20	S-V 497	R. 16.83	17.4	+0.1	16.93		3 closed
	S-V 493	Z. 16.8	17.0				
	N-298760	Z. 62.7	—	-0.5	62.0		
	N-271738	Z. 62.7	—	-0.6	62.1		
40	N-298256	R. 60.1	—	-0.4	59.7		
	N-262855	Z. 60.2	—	-0.5	59.7		
	S-V 496	Z. 14.1	17.0				
	S-V 494	Z. 14.1	17.0				

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
60	S-V 805	R. 17.2	16.80	+0.03	12.84	1
	Richter 150	Z. 17.18	16.80	+0.03	12.84	
	S-V 497	Z. 17.1	17.1	-0.1		3
	S-V 493	Z. 17.1	17.1	-0.1		
100	N-298760	Z. 57.9	—	-0.5	52.3	2
	N-271738	Z. 57.9	—	-0.6	52.3	

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
4' Inter #12 x 20 wings 120 lbs sinter		4:08	4:13	Half.

11-5314

NOTES

Electric Sounding Machine:

35-lb shot

Sigsbee say rod

Down - 25p Not vertical

1:17

1:20

2:56 + 5" = 3.01

3/4

11 76.8
16.9

12 76.6

76%

Chart 1445

Adjusted down

Long. 113-03-50 W, Lat. 25-24-07 N

to

Long. 113-04-15 W, Lat. 25-23-09 N

1916

. M.

Long.

Locality:

Sample:

Force,

Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 1493
 Long. 112-45-00 W
 Lat. 25-04-07 N

Station No. H 65-15

Date: June 3

191 *l*

Hour: 12:30 P. M. to — . M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	N-Z 98573	63.7	--	-0.3	63.4	X	

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS: Under way
Breeze

11—5314

Station No. 71 6946.

Date: 8/22/2013

191 6

Hour: 2:30 P. M. to — . M.

Position: Lat.	Long.
----------------	-------

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way
Pond

11—5314

Station No. *A 6547*

Date: June 3

191 2

Hour: 4:30 P. M. to - . M.

Position: Lat.

Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	11798523	68.5			17.33		

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS: Under way
Passing

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Payson. 11-15.9 DIS. 8
16.0

Chart 1493

Long. 113-03-45 W

Lat. 25-20-24 N

Station No. *H 1546*Date: 11/15/20

191/

Hour: 6:30 P. M. to — . M.

Position: Lat.

Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS: Under way
Rough

11—5314

191 *l*

Hour: 6:30 A. M. to — . M.

Position: Lat. Long.

'Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	N-2 98573	62.0	—	0.0	62.0 16.56	x	

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychr. W ~~13.9~~ D 15.7
14.0

Chart 1493

San Hipolito Pt. near N 59° E (true)
dist. 22.6 mi.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

1134 3 14.0
2

Chart 1310

4m Porto Pt. near N 12° E (true)
dist. 12.6 mi.

Station No. H 6552

Date: June 4

191 ✓

Hour: 12:30 P. M. to -

. M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

[illegible]

11—5314

NOTES

Psych. W13.4 D14.5-

Chart 1310

Thurloe head bears $N 1/2^{\circ} E$ (true)
dist. 9.9 mi.

Station No. *H 6553*

Date: June 4

191 6

Hour: 2:30 P. M. to

. M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11-5314

NETS, ETC., USED

[illegible]

11—5314

NOTES

Psych. W 13.4 DIV 2

Chart 1310

Breder Pt. bears $N 4^{\circ} W$ (true)
dist. 4.5 mi.

all bearings, psychometer & surface temperature
also N:2. thermom. connections in
this book checked
F. P. J.